

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6715348".pn.	USPAT	OR	OFF	2007/08/05 19:11
L2	2	(jp-63248181-\$ jp-2001244481-\$). did.	FPRS; DERWENT	OR	OFF	2007/08/05 19:12
L3	2	(jp-63248181-\$ jp-2001244481-\$). did.	JPO	OR	OFF	2007/08/05 19:33
L4	150	(307/112 73/866.1 73/1.88 73/1. 61).ccls.	US-PGPUB	OR	OFF	2007/08/05 19:40
L5	6	(307/112 73/866.1 73/1.88 73/1. 61).ccls.	FPRS	OR	OFF	2007/08/05 19:41
L6	149	(307/112 73/866.1 73/1.88 73/1. 61).ccls.	EPO	OR	OFF	2007/08/05 19:42
L7	436	(307/112 73/866.1 73/1.88 73/1. 61).ccls.	JPO	OR	OFF	2007/08/05 19:43
L8	1687	(307/112 73/866.1 73/1.88 73/1. 61).ccls.	USPAT	OR	OFF	2007/08/05 19:50
L9	0	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	IBM_TDB	OR	ON	2007/08/05 20:23
L10	362	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	US-PGPUB	OR	ON	2007/08/05 19:58

## EAST Search History

L11	65	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) same ((switch switching switched) near15 (output outputting outputted outputted (out near (put puting putting putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	US-PGPUB	OR	ON	2007/08/05 20:03
L12	0	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	FPRS	OR	ON	2007/08/05 19:58
L13	2	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	EPO	OR	ON	2007/08/05 20:00
L14	63	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	JPO	OR	ON	2007/08/05 20:00

## EAST Search History

L15	43	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	DERWENT	OR	ON	2007/08/05 20:01
L16	142	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) and ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	USOCR	OR	ON	2007/08/05 20:01
L17	27	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) with ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	USOCR	OR	ON	2007/08/05 20:01
L18	231	((switch switching switched) near20 terminal near20 (function functioning functionality functioned)) same ((switch switching switched) near15 (output outputing outputting outputed outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	USPAT	OR	ON	2007/08/05 20:02

## EAST Search History

L19	3	(((switch switching switched) near20 terminal near20 (function functioning functionality functioned))) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) same (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	US-PGPUB	OR	ON	2007/08/05 20:25
L20	1	(((switch switching switched) near20 terminal near20 (function functioning functionality functioned))) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	JPO	OR	ON	2007/08/05 20:10
L21	1	JP-2000270482-\$.did.	DERWENT	OR	ON	2007/08/05 20:09
L22	0	(((switch switching switched) near20 terminal near20 (function functioning functionality functioned))) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	DERWENT	OR	ON	2007/08/05 20:10

## EAST Search History

L23	2	(((switch switching switched) near20 terminal near20 (function functioning functionality functioned))) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put putting putting putted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	USOCR	OR	ON	2007/08/05 20:10
L24	4	(((switch switching switched) near20 terminal near20 (function functioning functionality functioned))) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) same (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put putting putting putted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	USPAT	OR	ON	2007/08/05 20:14
L25	0	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put putting putting putted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	IBM_TDB	OR	ON	2007/08/05 20:24

## EAST Search History

L26	107	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	US-PGPUB	OR	ON	2007/08/05 20:26
L27	22	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) same ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	US-PGPUB	OR	ON	2007/08/05 20:41
L28	0	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) same (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	US-PGPUB	OR	ON	2007/08/05 20:42
L29	0	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted)))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	FPRS	OR	ON	2007/08/05 20:26

## EAST Search History

L30	2	((switch switching switched) near20 terminal near20 (range ranged ranging ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	EPO	OR	ON	2007/08/05 20:37
L31	1	DE-19533318-\$.did.	DERWENT	OR	ON	2007/08/05 20:35
L32	1	"5801352".pn.	USPAT	OR	ON	2007/08/05 20:35
L33	35	((switch switching switched) near20 terminal near20 (range ranged ranging ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	JPO	OR	ON	2007/08/05 20:40
L34	0	((switch switching switched) near20 terminal near20 (range ranged ranging ranging)) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	JPO	OR	ON	2007/08/05 20:40
L35	20	((switch switching switched) near20 terminal near20 (range ranged ranging ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	DERWENT	OR	ON	2007/08/05 20:40

## EAST Search History

L36	0	(((switch switching switched) near20 terminal near20 (range ranging ranged rangeing)) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	DERWENT	OR	ON	2007/08/05 20:40
L37	57	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) and ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	USOCR	OR	ON	2007/08/05 20:40
L38	0	(((switch switching switched) near20 terminal near20 (range ranging ranged rangeing)) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) and (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	USOCR	OR	ON	2007/08/05 20:40
L39	107	((switch switching switched) near20 terminal near20 (range ranged rangeing ranging)) same ((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put puting putting puted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector))	USPAT	OR	ON	2007/08/05 20:41



## EAST Search History

L40	2	(((switch switching switched) near20 terminal near20 (range ranging ranged ranging)) with (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) same (((switch switching switched) near15 (output outputting outputting outputted outputted (out near (put putting putting putted putted))) near15 (sensor sensing sensed sensor sense detect detected detecting detection detector detector)) with (command commanding commanded commander commandor))	USPAT	OR	ON	2007/08/05 20:42
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DERWENT-ACC-NO: 1988-334505

DERWENT-WEEK: 198847

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TITLE: Integrated sensor for semiconductor chip -  
selects effective input signal and operates detection  
value based on selected signal NoAbstract Dwg 1/3

PATENT-ASSIGNEE: NIPPONDENSO CO LTD[NPDE]

PRIORITY-DATA: 1987JP-0082727 (April 2, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 63248181 A</u>	October 14, 1988	N/A
003 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 63248181A	N/A	1987JP-0082727
April 2, 1987		

INT-CL (IPC): H01L029/84

ABSTRACTED-PUB-NO:

EQUIVALENT-ABSTRACTS:

TITLE-TERMS: INTEGRATE SENSE SEMICONDUCTOR CHIP SELECT EFFECT INPUT  
SIGNAL

OPERATE DETECT VALUE BASED SELECT SIGNAL NOABSTRACT

ADDL-INDEXING-TERMS:

SIGNAL PROCESSOR

DERWENT-CLASS: U12 U13 U21

EPI-CODES: U12-B03X; U13-C05; U13-D04; U21-A03F;

DERWENT-ACC-NO: 2002-261313

DERWENT-WEEK: 200231

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TITLE: Semiconductor transducer e.g. pressure sensor,  
isolates mounting location of capacitor and resistor  
from electrically erasable programmable read only  
memory and integrated circuit, by a partition wall

PATENT-ASSIGNEE: MATSUSHITA ELECTRIC WORKS LTD[MATW]

PRIORITY-DATA: 2000JP-0054842 (February 29, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 2001244481 A</u>	September 7, 2001	N/A
004 H01L 029/84		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2001244481A	N/A	2000JP-0054842
February 29, 2000		

INT-CL (IPC): G01L009/00, G01P015/08 , H01L025/04 , H01L025/18 ,  
H01L029/84

ABSTRACTED-PUB-NO: JP2001244481A

BASIC-ABSTRACT:

NOVELTY - The pressure sensing unit (3), integrated circuit (IC) (4)  
and electrically erasable programmable read only memory (EEPROM) (5) are  
mounted on the housing (1) along with a capacitor (8) and resistor (9). A  
partition wall (1a) divides the mounting locations of capacitor and resistor, from  
the other units.

USE - For e.g. pressure sensor, acceleration sensor.

ADVANTAGE - Dispersion of flux during solder connection of capacitor and resistor, towards mounting location of other semiconductor device, is restrained by the provision of partition wall, thereby the mounting reliability is increased.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of semiconductor transducer.

Housing 1

Partition wall 1a

Pressure sensing unit 3

Integrated circuit 4

Electrically erasable programmable read only memory 5

Capacitor 8

Resistor 9

CHOSEN-DRAWING: Dwg.1/7

TITLE-TERMS: SEMICONDUCTOR TRANSDUCER PRESSURE SENSE ISOLATE MOUNT  
LOCATE

CAPACITOR RESISTOR ELECTRIC ERASE PROGRAM READ MEMORY  
INTEGRATE  
CIRCUIT PARTITION WALL

DERWENT-CLASS: S02 U12

EPI-CODES: S02-F04B3; S02-G03; U12-B03E;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-202927